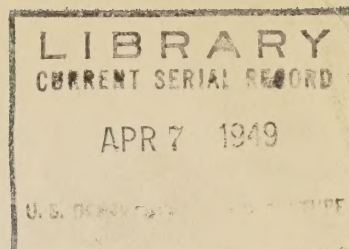


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✓ EDUCATIONAL WORK IN GRAIN GRADING
IN 1948 ✕

- - -

Report prepared by W. B. Combs ✓
under the project

"EXTENSION WORK IN GRAIN GRADING AND MARKETING AT COUNTRY POINTS"

United States Department of Agriculture
✓ Extension Service
1108 Post Office Building
Chicago 7, Illinois

January 1949

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Last year we reported on the educational work in grain grading with special reference to instruction carried on in schools and colleges. That report showed that 3,993 students in 40 State colleges received some instruction in grain grading during the year 1947, and that in addition 555 students in 25 schools received intensive work in the subject. This survey was not repeated in 1948, but a number of schools have increased their enrollment in grain grading classes over the 1947 figure.

This report is directed to the assistance given by licensed grain inspectors and Federal grain supervisors in the field of adult education in grain marketing. This group of specialists has been especially helpful in extension work for country elevator men and grain producers in explaining how the grain system operates. This work is carried on year after year by these men.

During the calendar year 1948 reports were received at Field headquarters from grain supervisors and licensed inspectors concerning 161 meetings held during the year. These meetings were held in 21 States with a total registration of 5,044 (Table I). The project leader was present at 44 of these meetings held in 11 States, at which the attendance was 2,659. Visual aids and published materials were supplied from this office for most of the other meetings.

Country grain buyers made up the larger part of those attending, but college and high school students, trainees under the veterans' program, terminal elevator operators and a few 4-H club members were included. With few exceptions these meetings were part of the State agricultural extension program.

Training programs for elevator managers are being carried on in a number of States. The Illinois in-service training program is described in the attached mimeograph. Other comprehensive training programs for grain elevator managers are being given at Purdue University and at Minneapolis, and college faculty members and local grain inspection officials cooperate on these programs. One hundred seventy-nine persons are reported as registered in the above schools for intensive training, which usually lasts for several weeks. The June 1948 issue of "News for Farmer Cooperatives" contains a complimentary write-up of the managers' school held at Minneapolis.

Conferences

The writer attended the National Outlook Conference in Washington this year. Eighteen other conferences were held in 1948 with extension workers in the States. The subjects of these conferences included a tri-State smut control program in the Pacific Northwest, Research and Marketing projects in Oklahoma and Missouri, and several planning meetings for educational work in grain marketing.

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The writer attended marketing conferences at Ames, Iowa, on October 1-7, and at Memphis, Tennessee, on October 25-30, at which marketing extension workers from the north central and from the southern States attended. After general talks and discussions, and consideration of the work of marketing specialists in general, the conferences divided into commodity committees for further discussion of marketing problems. Supervisor Fred Simpson was a consultant on the grain marketing committee at Memphis. Detailed reports and recommendations for developing programs in grain marketing were made.

Not all States have extension specialists working on grain marketing, but the following list covers those who are now in the field: Illinois, L. F. Stice; Indiana, George S. Abshier; Iowa, Ed Dyas; Michigan, A. B. Love; Minnesota, Max K. Hinds; Missouri, J. R. Paulling; Ohio, K. B. Peterson; South Dakota, U. J. Mergaard; Georgia, C. G. Garner; North Carolina, D. F. Holler; Alabama, R. R. Jones; Mississippi, Charles L. Cary; Oklahoma, Ed Granstaff.

The grain marketing work under the Research and Marketing Act was discussed with these specialists, and undoubtedly new educational projects under this act will be added from time to time. At the present time there are grain marketing projects under way in Alabama, Indiana, Mississippi, Missouri, and Oklahoma. Leaders in these projects are represented on the above committees. These conferences offer an opportunity to exchange ideas and to learn new things regarding educational methods and procedures in extension work. All of these projects that include grain grading will be closely tied in with grain inspectors and supervisors, commercial organizations, and the whole State extension services.

On May 6 the Chief Grain Inspectors' Association held a national conference at Chicago. The writer delivered a talk on the "Value of Grain Grading Educational Work to the Inspection Services." This was the largest gathering of grain inspection officials in a number of years.

The writer prepared and delivered a talk on "The Hundredweight Versus the Bushel" before the Grain Dealers' National convention at Chicago on October 1.

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Publications

The talk on "The Hundredweight Versus the Bushel" was published in the grain trade press. An article on the grain standards was prepared by the writer and published in Spanish and Portuguese for circulation in South and Central American countries by the magazine "La Hacienda". The Grain Grading Primer was revised and widely distributed during the second half of the year. Requests were received here from 31 U. S. and 5 foreign States for copies. A total of 5,954 copies of the Primer and other grain leaflets were distributed from this office during the year. (Table II) An analysis of the requests indicates that 45 percent of the requests were from grain trade members, and 55 percent were from county agents, vocational agriculture teachers and college workers. The grain grading publications are also distributed to the public from each of the 31 district grain supervisions offices throughout the country.

Annual summaries of the grading of grains at inspection markets were prepared from tabulated records and the processed reports were distributed to extension workers and others. These reports are now complete for five crops, 1943 - 1947, and are available here and at district grain offices.

Techniques for photographing grain kernels have been devised. A library of Kodachrome slides illustrating grain varieties and grading factors has been maintained. Sets of slides are loaned to college teachers for classroom use. These slides are also important visual aids at most grain grading schools because they lend themselves to group instruction.

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Table I

Grain Grading Educational Meetings in 1948

in which Grain Inspectors or Grain Supervisors Took Part

State	Number of Meetings	Individuals Registered
New York	1	20
Ohio	6	512
Indiana	46	501
Illinois	8	356
Wisconsin	8	1,028
Minnesota	36	370
Iowa	1	100
Missouri	3	95
North Dakota	6	126
South Dakota	5	111
Kansas	4	420
Maryland	1	11
Massachusetts	2	50
Kentucky	1	18
Oklahoma	10	545
Texas	5	270
Montana	1	52
Idaho	1	31
Colorado	8	253
Washington	3	43
Oregon	<u>5</u>	<u>132</u>
Total	161	5,044

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Table II

Distribution of Publications on Grain Grading
from Requests received at Chicago 1948

Arizona	-	70	Oregon	-	126
California	-	204	Ohio	-	710
Colorado	-	101	Oklahoma	-	24
Georgia	-	200	Pennsylvania	-	37
Illinois	-	563	Rhode Island	-	200
Indiana	-	893	South Carolina	-	176
Iowa	-	74	South Dakota	-	25
Kansas	-	301	Tennessee	-	13
Maine	-	10	Texas	-	8
Maryland	-	1	Wisconsin	-	5
Minnesota	-	1,563	West Virginia	-	1
Michigan	-	8			
Mississippi	-	2	New South Wales	-	1
Missouri	-	239	Britain	-	1
Montana	-	1	Ontario	-	1
Nebraska	-	104	British Columbia	-	1
North Dakota	-	122	India	-	<u>6</u>
New Mexico	-	8			
New York	-	10	Total		5,954
North Carolina	-	147			

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North Carolina	100	-	100	-	100
New York	50	-	50	-	50
North Dakota	100	-	100	-	100
Minnesota	100	-	100	-	100
Wisconsin	100	-	100	-	100
Illinois	100	-	100	-	100
Indiana	100	-	100	-	100
Michigan	100	-	100	-	100
Ohio	100	-	100	-	100
West Virginia	100	-	100	-	100
Alabama	100	-	100	-	100
Georgia	100	-	100	-	100
Florida	100	-	100	-	100
South Carolina	100	-	100	-	100
Mississippi	100	-	100	-	100
Louisiana	100	-	100	-	100
Arkansas	100	-	100	-	100
Oklahoma	100	-	100	-	100
Nebraska	100	-	100	-	100
Kansas	100	-	100	-	100
Colorado	100	-	100	-	100
Utah	100	-	100	-	100
Idaho	100	-	100	-	100
Montana	100	-	100	-	100
Wyoming	100	-	100	-	100
Arizona	100	-	100	-	100
New Mexico	100	-	100	-	100
California	100	-	100	-	100
Oregon	100	-	100	-	100
Washington	100	-	100	-	100
Alaska	100	-	100	-	100
Hawaii	100	-	100	-	100

Table II

Distribution of Publications on World War II
from Republics received in Chicago 1943